

CorePro LED PLS 5W 830
2P G23

929003756802



CorePro, LED, PL-S, EM/Mains, 144 mm, 5 W,
9/11W PL-S, 3000 K, 520 lm, CRI 82, 30000 h



CorePro, LED, PL-S, EM/Mains, 144 mm, 5 W, LED alternative to 9/11W PL-S, 3000 K, 520 lm, CRI 82, 30000 h, 104 lm/W, EEL F, G23, Plastic, RG0, SDCM 6, PF 0.9, IP20, SVM 0.4, PstLM 1

General Information

Cap base	G23
Nominal lifetime	30,000 h
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Sphere
Warranty period	3 years

Light Technical

Colour Code	830 [CCT of 3000K]
Beam angle (nom.)	120 degree(s)
Luminous Flux	520 lm
Colour designation	White (WH)
Correlated Colour Temperature (Nom)	3000 K
Luminous efficacy (rated) (nom.)	104 lm/W
Colour consistency	<6
Colour rendering index (CRI)	82

LLMF at end of nominal lifetime (nom.)	70 %
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Photobiological safety according to EN 62471	RG0
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Operating and Electrical

Input frequency	50 to 60 Hz
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Power Consumption	5 W
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Lamp current (nom.)	31 mA
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Starting time (nom.)	0.5 s
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Warm-up time to 60% light	0.5 s
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Power Factor (Fraction)	0.9
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Voltage (nom.)	220-240 V
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LED alternative to fluorescent lamp power	9/11W PL-S
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Inrush current at mains	6.6
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Max. lamp no. on MCB B type 10A — Mains	116
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Max. lamp no. on MCB B type 10A – EM ballast without Compensation Capacitor.	355
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Max. lamp no. on MCB B type 10A – EM ballast with Compensation Capacitor.	-
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Max. lamp no. on MCB B type 16A — Mains	186
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Max. lamp no. on MCB B type 16A – EM ballast without Compensation Capacitor.	569
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Max. lamp no. on MCB B type 16A – EM ballast with Compensation Capacitor.	-
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Ballast Compatibility	EM/Mains
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Temperature

T-Case maximum (nom.)	50 °C
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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Lamp Finish	Frosted
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Bulb material	Plastic
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Product length	144 mm
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Bulb shape	PL-S
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Net Weight (Piece)	0.043 kg
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Approval and Application

Energy Efficiency Class	F
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Energy-saving product	Yes
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Approval marks	RoHS compliance
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Energy consumption kWh/1,000 hours	5 kWh
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EPREL Registration Number	1820625
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CE mark	Yes
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EU RoHS compliant	Yes
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Flickering value (PstLM)	1
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Stroboscopic effect	0.4
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Ambient temperature range	-20 to +45 °C
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Application Conditions

Wireless Technology	Not applicable
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Product Data

Order product name	CorePro LED PLS 5W 830 2P G23
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Full product name	CorePro LED PLS 5W 830 2P G23
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Full EOC	872016928658000
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Order code	929003756802
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Material no. (12 NC)	929003756802
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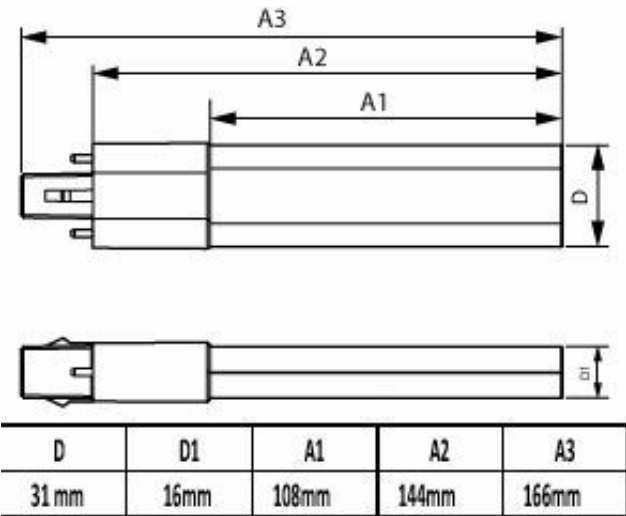
Numerator – quantity per pack	1
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EAN/UPC — Product/Case	8720169286580
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Numerator – packs per outer box	20
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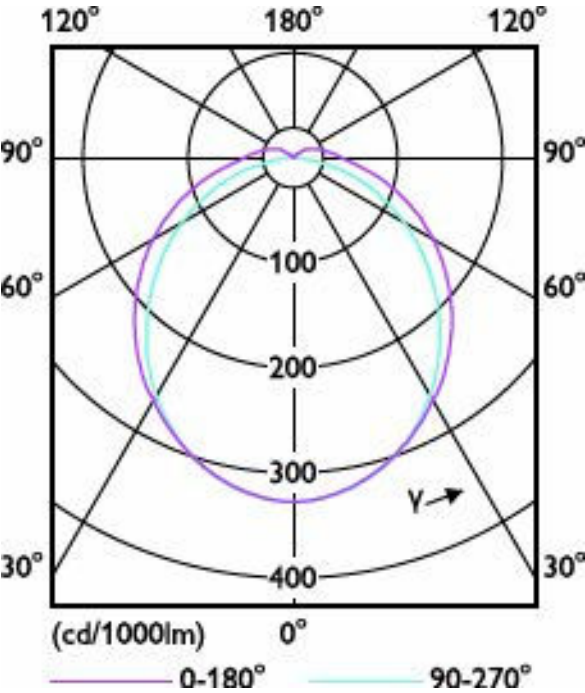
EAN/UPC - Case	8720169286597
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Dimensional drawing

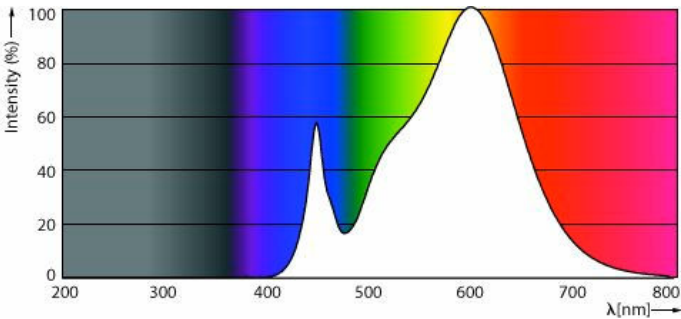


Product	D1	D	A1	A2	A3
CorePro LED PLS 5W 830 2P G23	16 mm	31 mm	108 mm	144 mm	166 mm

Photometric data

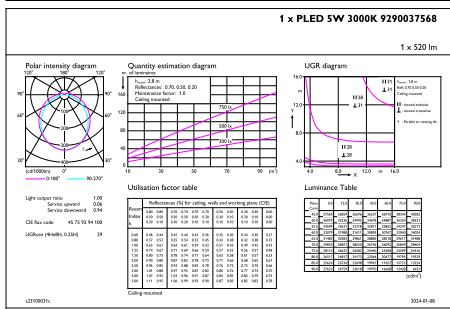


Light Distribution Diagram - CorePro LED PLS 5W 830 2P G23



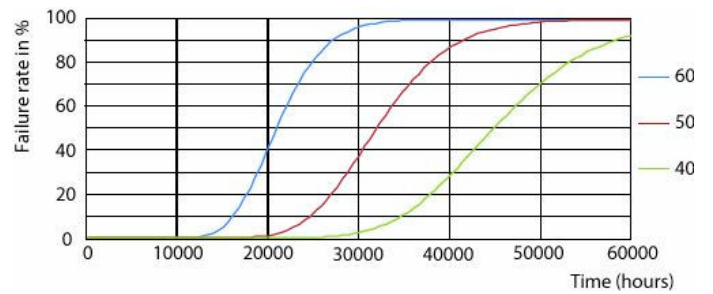
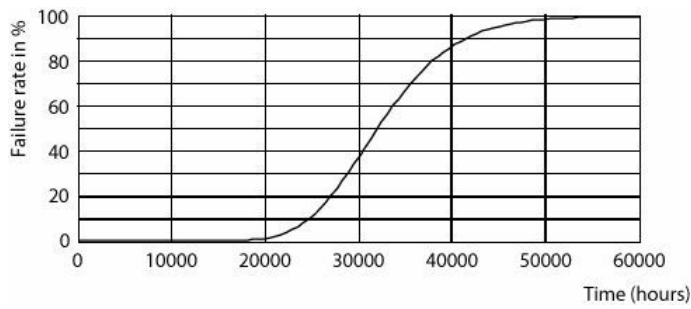
Spectral Power Distribution Colour - CorePro LED PLS 5W 830 2P G23

General Uniform Lighting

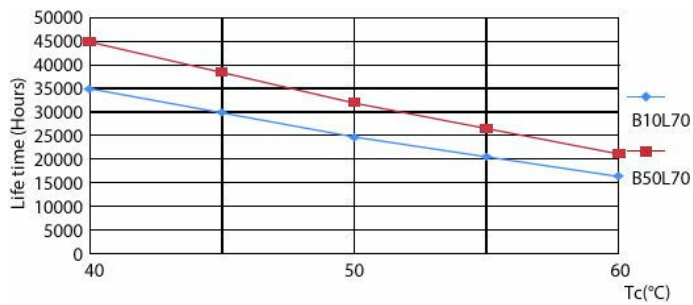


General uniform lighting - CorePro LED PLS 5W 830 2P G23

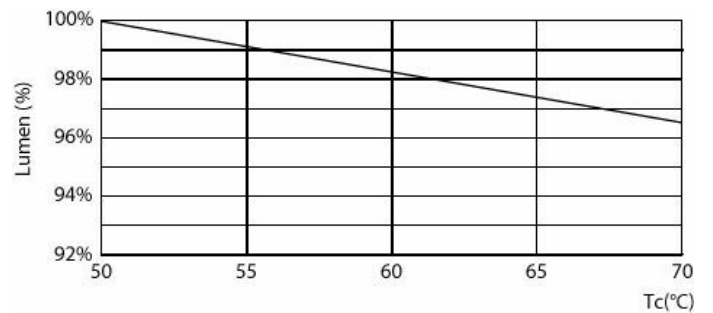
Lifetime



Life Expectancy Diagram

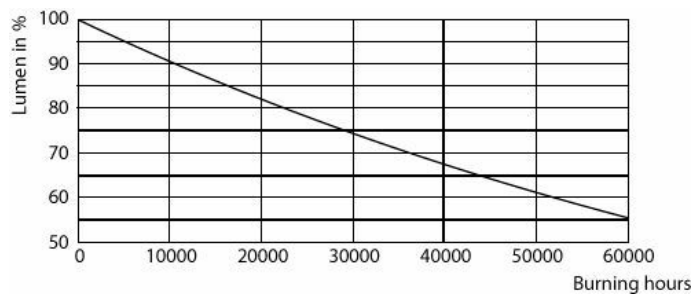


FailureRate



LifetimeVsTc

Lumen Maintenance Diagram - CorePro LED PLS 5W 830 2P G23



Lumen Maintenance Diagram - CorePro LED PLS 5W 830 2P G23

Related Documents

Documents and certificates	Document Name	Download
Environmental Product Declaration	EPD-Philips-CorePro-LED-PLS-COMF-7149659-Ref-929003756902-EPD.pdf	Download
Installation Instructions	online-QIG-for-324166138011-Installation-INI.pdf	Download
Photometry and lighting design	Document Name	Download
IES File	CorePro-LED-PLS-5W-830-2P-G23-9290037568-IES.IES	Download

